

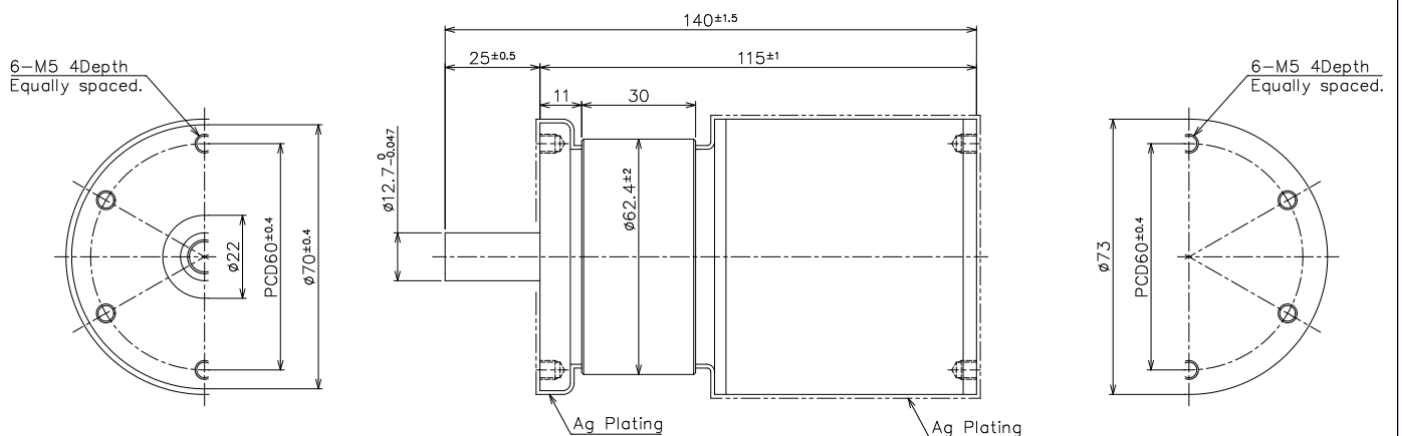
Variable Type Vacuum Capacitor (VM Type3 Type)

Specification

Peak test Voltage	5 kVp (at 50, 60 Hz/ 1min)
RF Working Voltage	3 kVp
Capacitance nominal	50 - 1000 pF
Linear Variability	88.0 ± 6.0 pF/Turn ($C \geq 80$ pF)
Maximum Current	100 Arms (13.56MHz)
Tuner Turns	12.0 ± 1.0 Turns
Tuner Operating Torque	0.25 Nm
Total Length	140 mm
Mounting Length	115 mm
Outer Diameter	$\phi 73$ mm
Weight	1.4 kg



Drawing



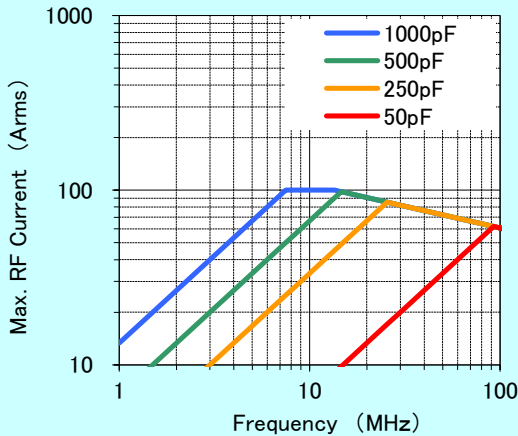
SCV-510M

Variable Type Vacuum Capacitor (VM Type3 Type)

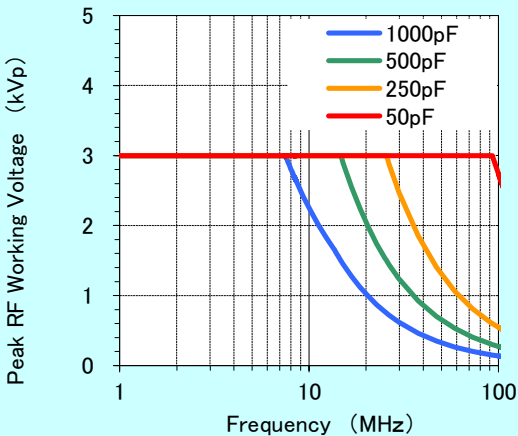
MEIDEN

MQ90A40403

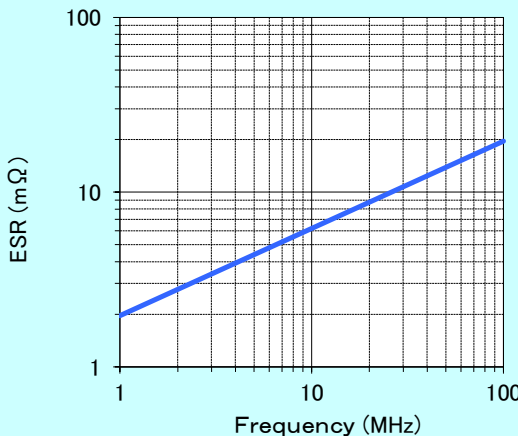
Frequency – Current response



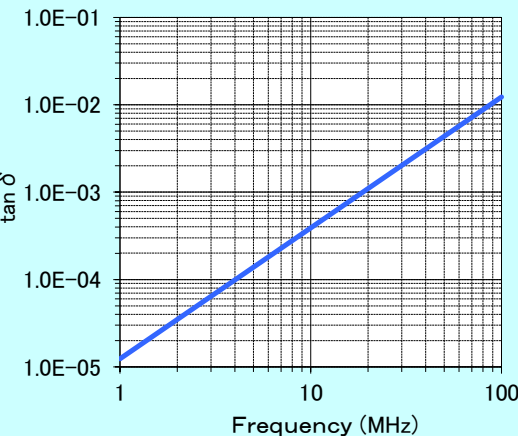
Frequency – Voltage response



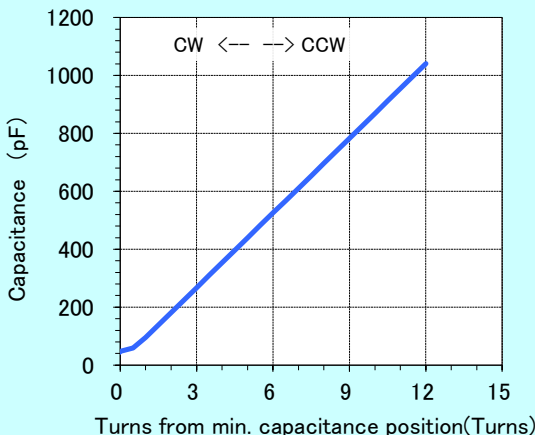
Frequency – ESR response



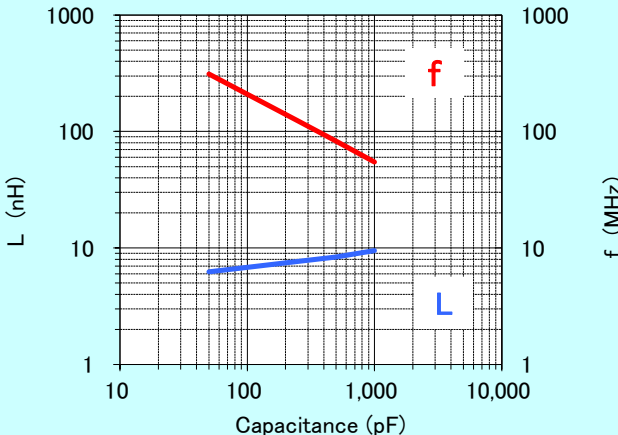
Frequency – tan δ response



Tuner Turns – Capacitance response



Capacitance – L & f response



Notice: Current collecting system: Capacitor both-end full-face collection.

Cooling System: Conduction Cooling.

Permissible surface temperature: 125°C.

(The surface temperature changes with current collecting conditions and ambient temperature.)

Ambient temperature: 25°C.

In regard to queries about these products, please contact below.

MEIDENSHA CORPORATION

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